

**FIG. 1**

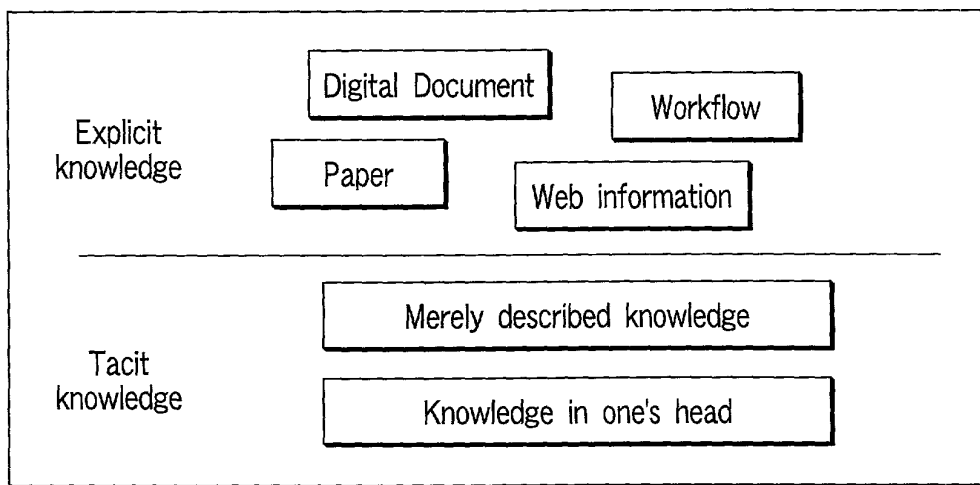


FIG. 2

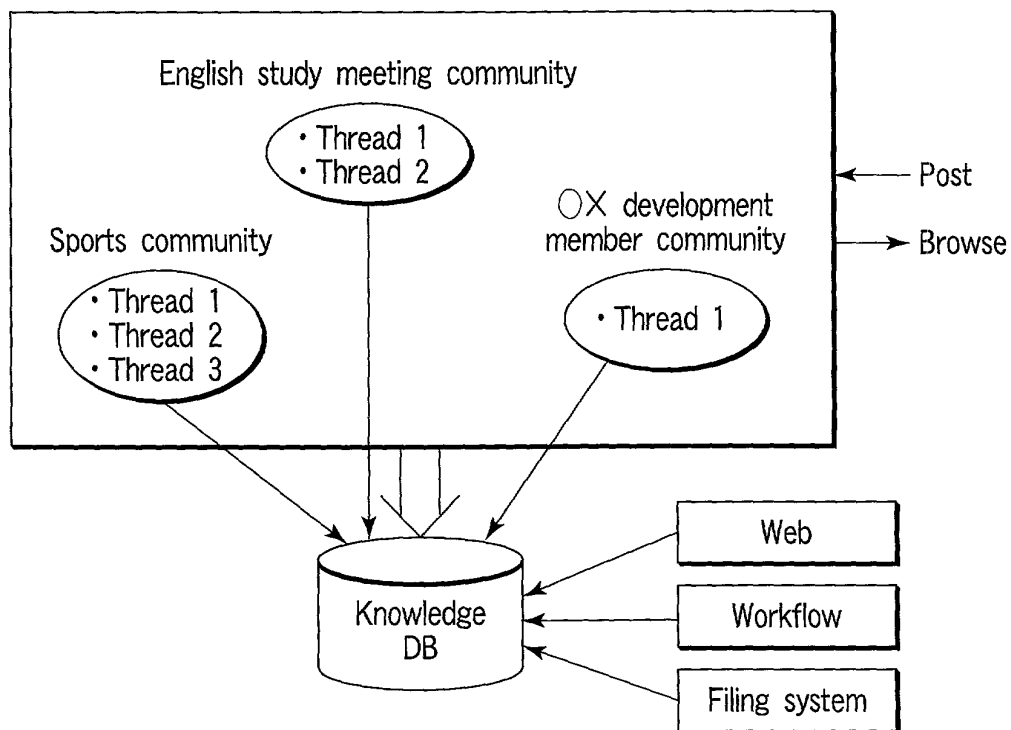


FIG. 3

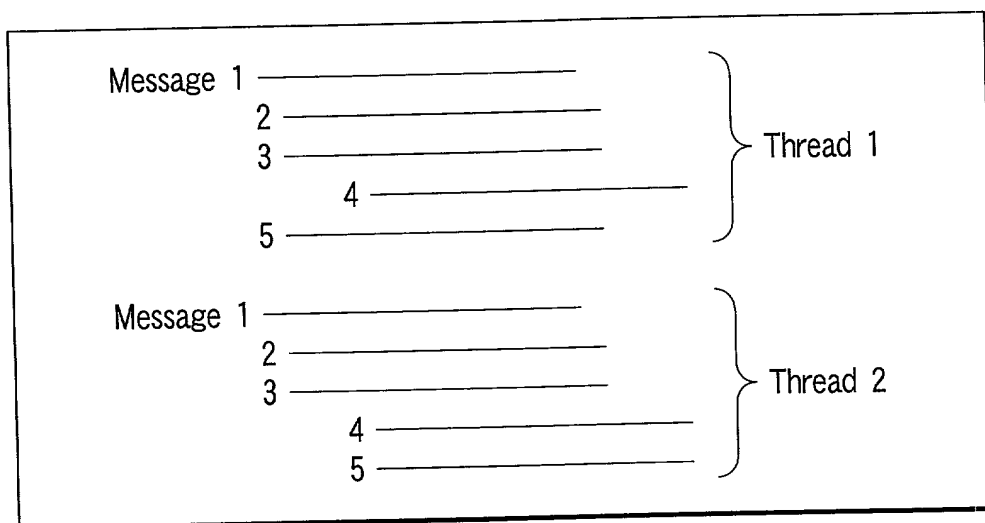


FIG. 4

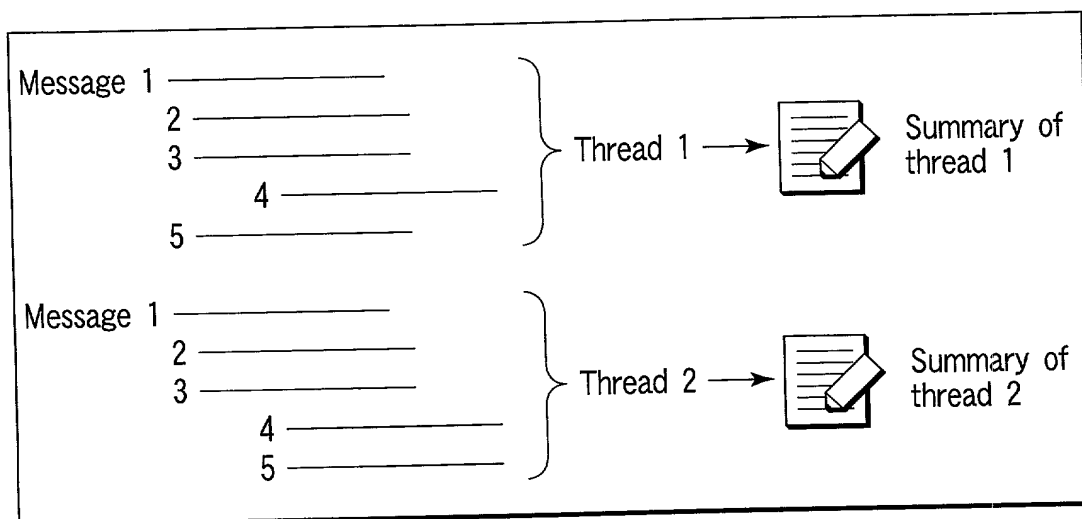


FIG. 5

User table

201

User ID	User name	Mail address
U00001	Ichiro Tanaka	ichiro.tanaka@xxxx.co.jp
U00002	Taro Yamada	taro.yamada@xxxx.co.jp
...	...	...

FIG. 6

Community table

202

Community ID	Community name	Community type	Member ID list
C001	Community A	Open	M000001, M000004,...
C002	Community B	Membership	M000002, M000003,...
...	...	...	...

FIG. 7

Subscription type table

203

User ID	User name	Community ID	Subscription type	Mail address
U00001	Ichiro Tanaka	C001	Web	ichiro.tanaka@xxx.co.jp
U00001	Ichiro Tanaka	C002	Mail	
U00002	Taro Yamada	C005	Web	

FIG. 8

Member table

204

Member ID	Member type	User name
M000001	Member	Ichiro Tanaka
M000002	Temporary registered member	Taro Yamada
M000003	Intending member	Ichiro Tanaka
M000004	Anonymous	Taro Yamada
...	...	...

FIG. 9

Thread table

205

Community ID	Thread ID list
C001	T01001, T01002, ...
C002	T02001, ...
...	...

FIG. 10

Message table

206

Thread ID	Message ID	Message data URL
T01001	G00000001	XXXXXXXXXXXXXXXXXX
	G00000002	YYYYYYYYYYYYYYYYY
...	...	...

FIG. 11

Summary table

207

Thread ID	Message ID	Revision	Message data URL
T01001	S00000001	1	MMMMMMMMMMMMMMMMM
	S00000002	2	NNNNNNNNNNNNNNNNN
	...	...	...
	S0000000n	n	PPPPPPPPPPPPPPPPP

FIG. 12

Relationship among community, member, and user

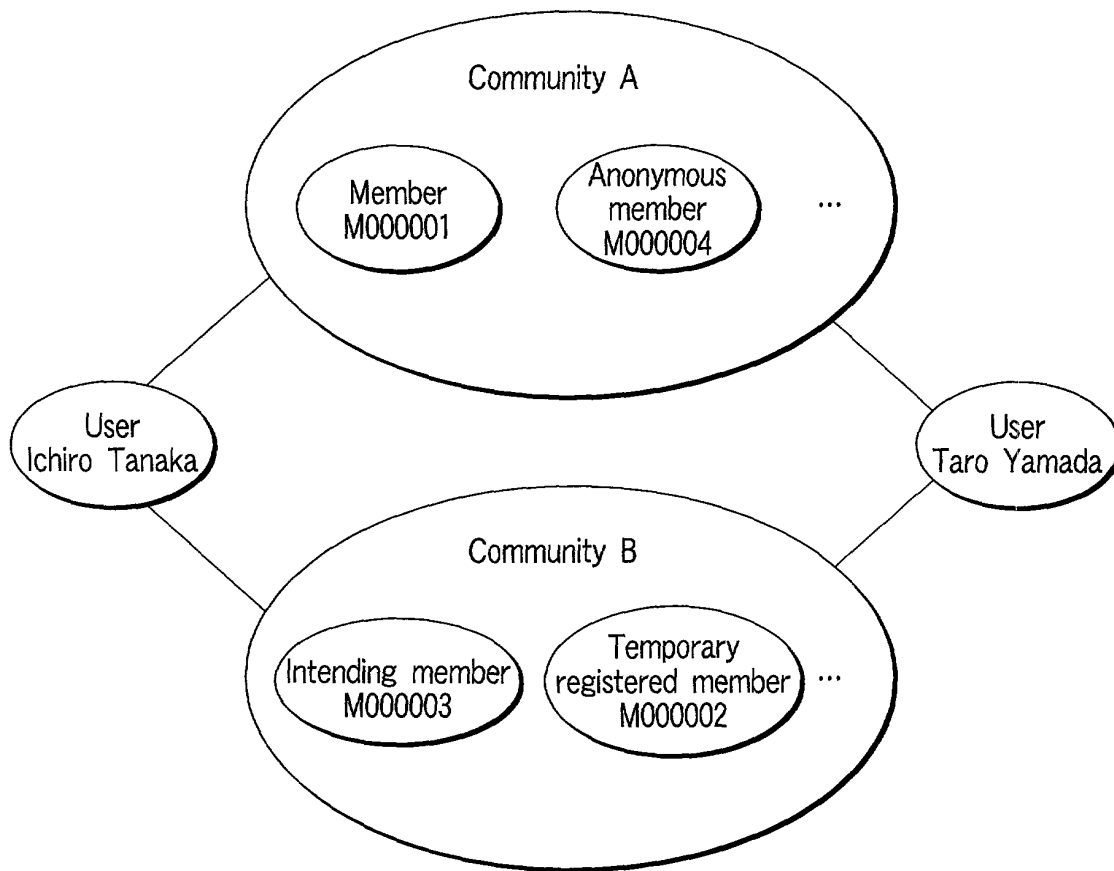


FIG. 13



User permitted access table

	Community type		
	Open	Membership	Closed
Member	{browse, post}	{browse, post}	{browse, post}
Temporary registered member	{browse, post} [invitation mail]	{browse, post} {browse open summary} [invitation mail] (sign-up → member)	{browse, post} !{browse summary} [invitation mail] (sign-up → member)
Intending member	{browse, post}	!{browse, post} {browse open summary}	!<community>
Anonymous	{browse}	!{browse, post} {browse open summary}	!<community>

FIG. 14

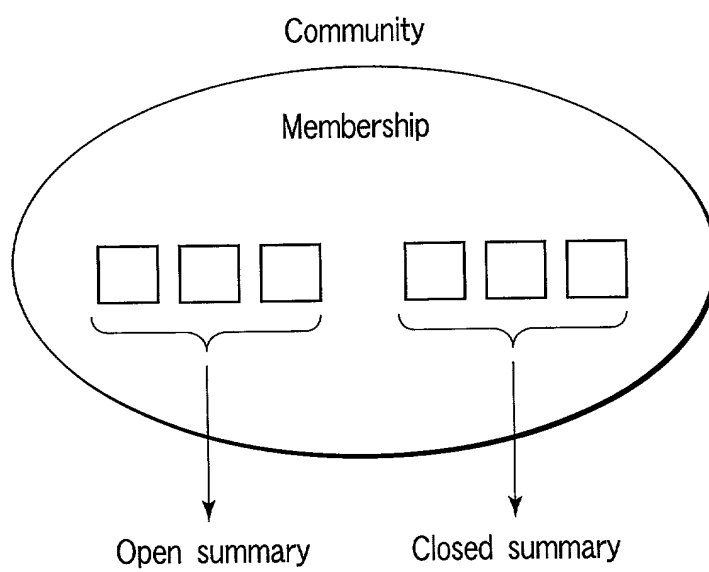


FIG. 15

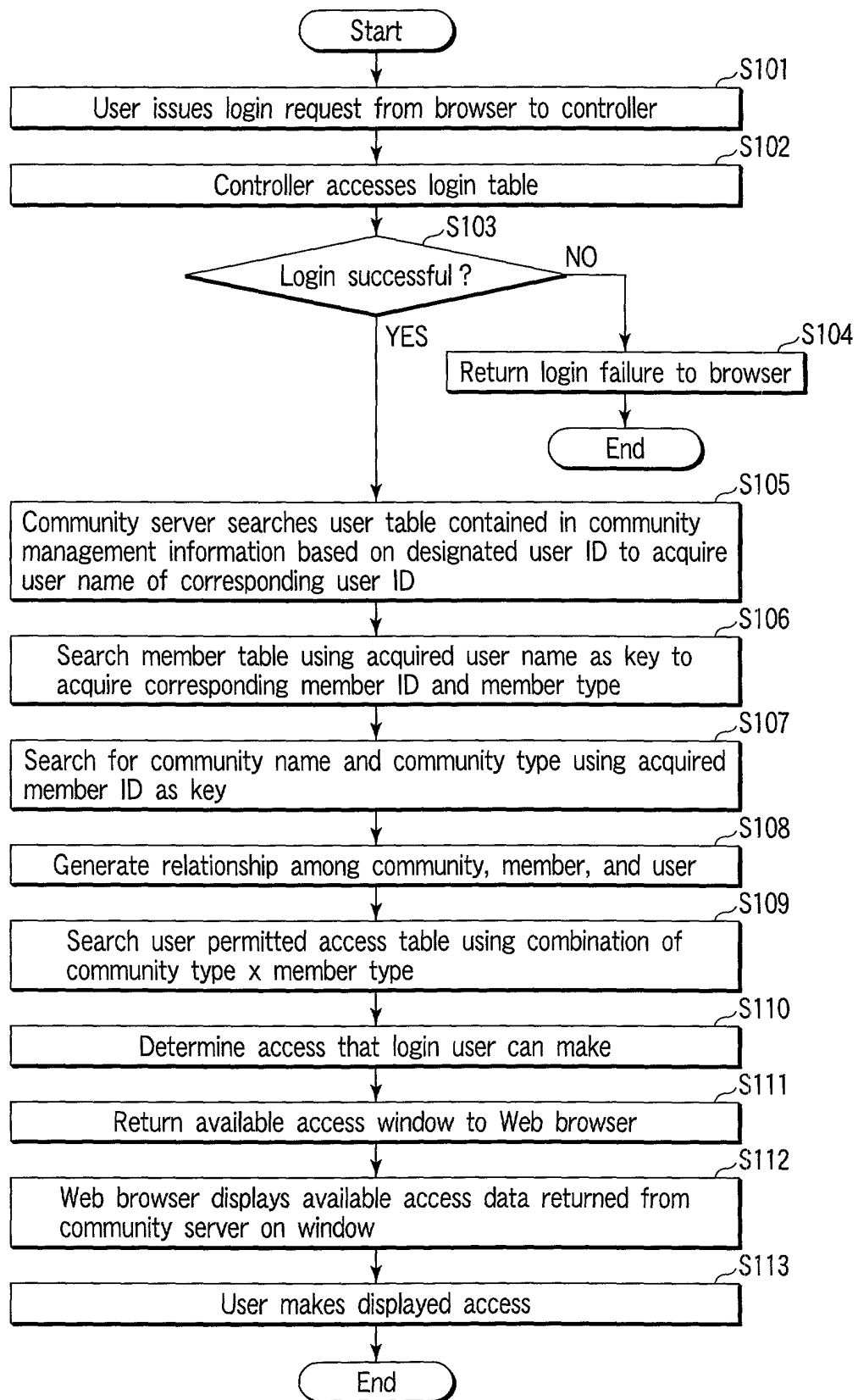


FIG. 16

FIG. 17A

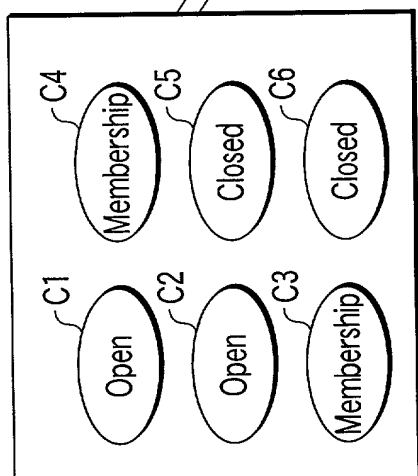


FIG. 17A

Member type  
=intending member,  
anonymous member  
(C5, C6)

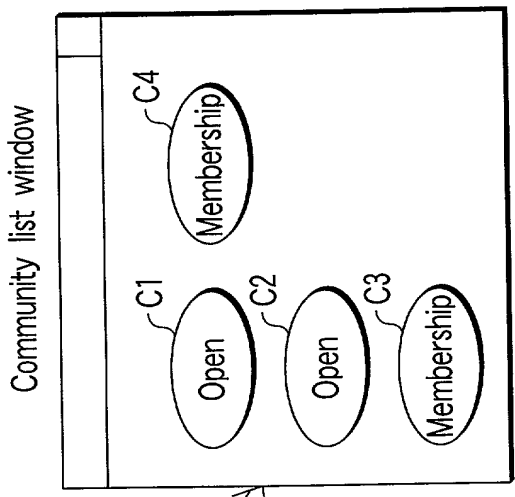


FIG. 17B

Member type  
=member (C5)

Community list window

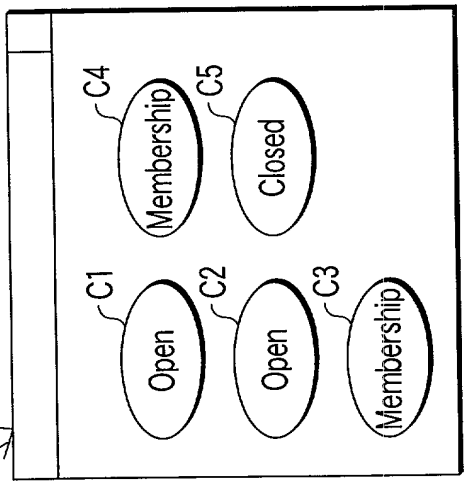


FIG. 17C

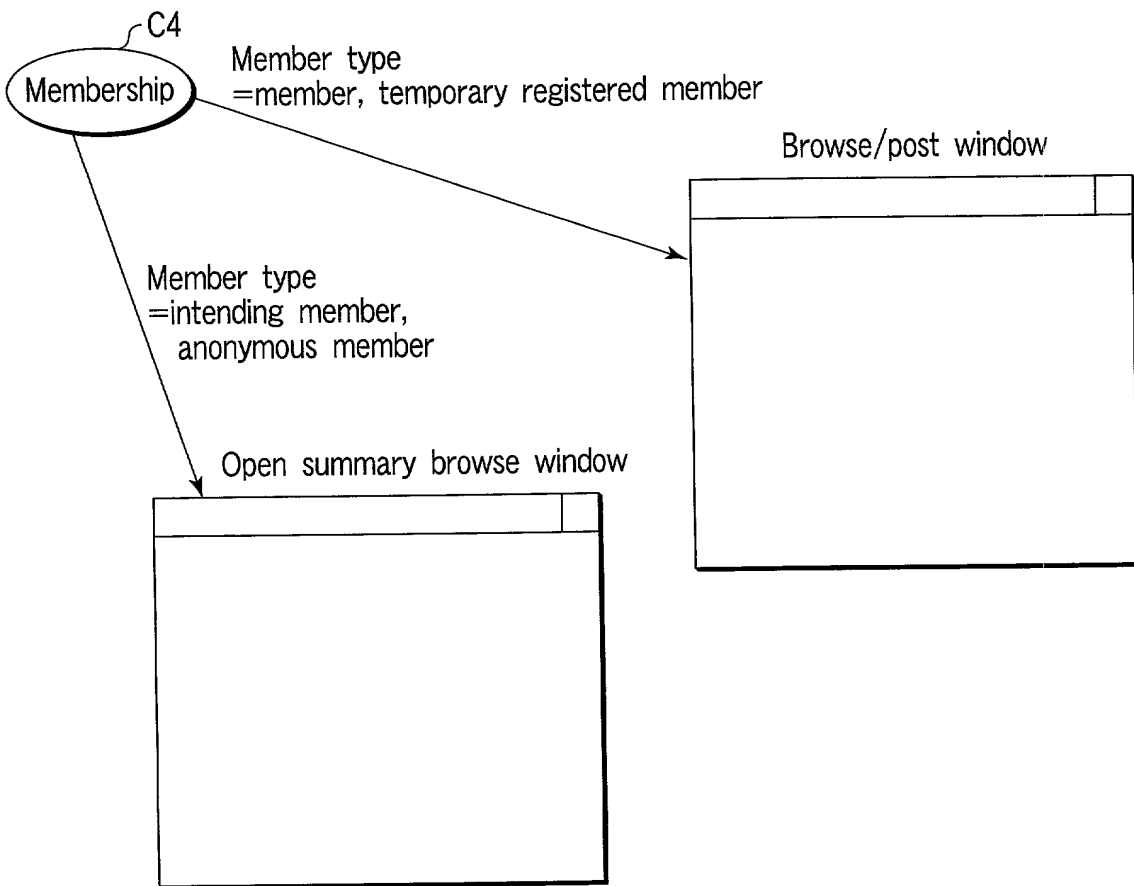


FIG. 18

# My page window

Unread/ all messages	Community ([ ]=Subject name of mail)	Subscription status
0/474	<div> <div>■ Open</div> <div>XXX user group</div> <div>AAA</div> <div>aaa@XXXX.co.jp</div> </div>	<div>Subscribe via mail ▼</div>
1/61	<div> <div>■ Membership</div> <div>XXXXXX</div> <div>BBB</div> <div>bbb@XXXX.co.jp</div> </div>	<div>Subscribe via mail ▼</div>
3/251	<div> <div>■ Membership</div> <div>Next XXX development</div> <div>CCCCCCC</div> <div>ccc@XXXX.co.jp</div> </div>	<div>Subscribe via mail ▼</div>
0/59	<div> <div>■ Membership</div> <div>XXXX platform</div> <div>DDDD</div> <div>ddd@XXXX.co.jp</div> </div>	<div>Subscribe via mail ▼</div>
0/30	<div> <div>■ Membership</div> <div>XXX project</div> <div>EEEEEE</div> <div>eee@XXXX.co.jp</div> </div>	<div>Subscribe via mail ▼</div>
0/272	<div> <div>■ Closed</div> <div>XXX strategy</div> <div>FFFFFFF</div> <div>fff@XXXX.co.jp</div> </div>	<div>Subscribe via mail ▼</div>
3/167	<div> <div>■ Closed</div> <div>XXX gossip</div> <div>GGGGGGG</div> <div>ggg@XXXX.co.jp</div> </div>	<div>Subscribe via mail ▼</div>
1/7	<div> <div>■ Closed</div> <div>XXX FAQ</div> <div>HHHHH</div> <div>hhh@XXXX.co.jp</div> </div>	<div>Subscribe via mail ▼</div>
2/55	<div> <div>■ Closed</div> <div>XXX examination group</div> <div>IIIIIII</div> <div>iii@XXXX.co.jp</div> </div>	<div>Subscribe via mail ▼</div>

Temporary registered community		Subscription status
Community	<div> <div>■ Closed</div> <div>OOOO group</div> </div>	<div>Temporary registered member ▼</div>
Introduction	<div> <div>XXXXXXXXXXXXX .....</div> <div>.....</div> </div>	

FIG. 19

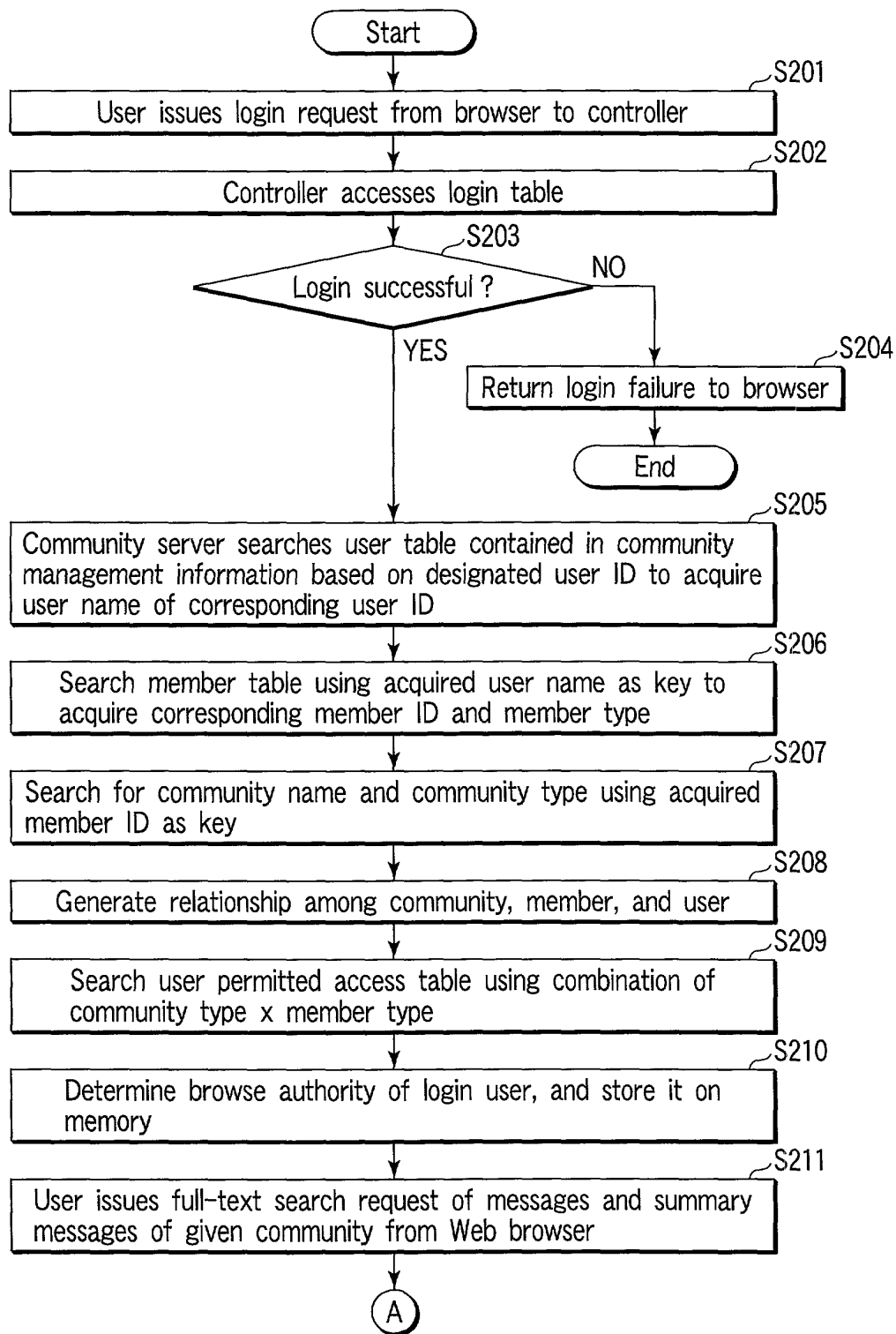


FIG. 20

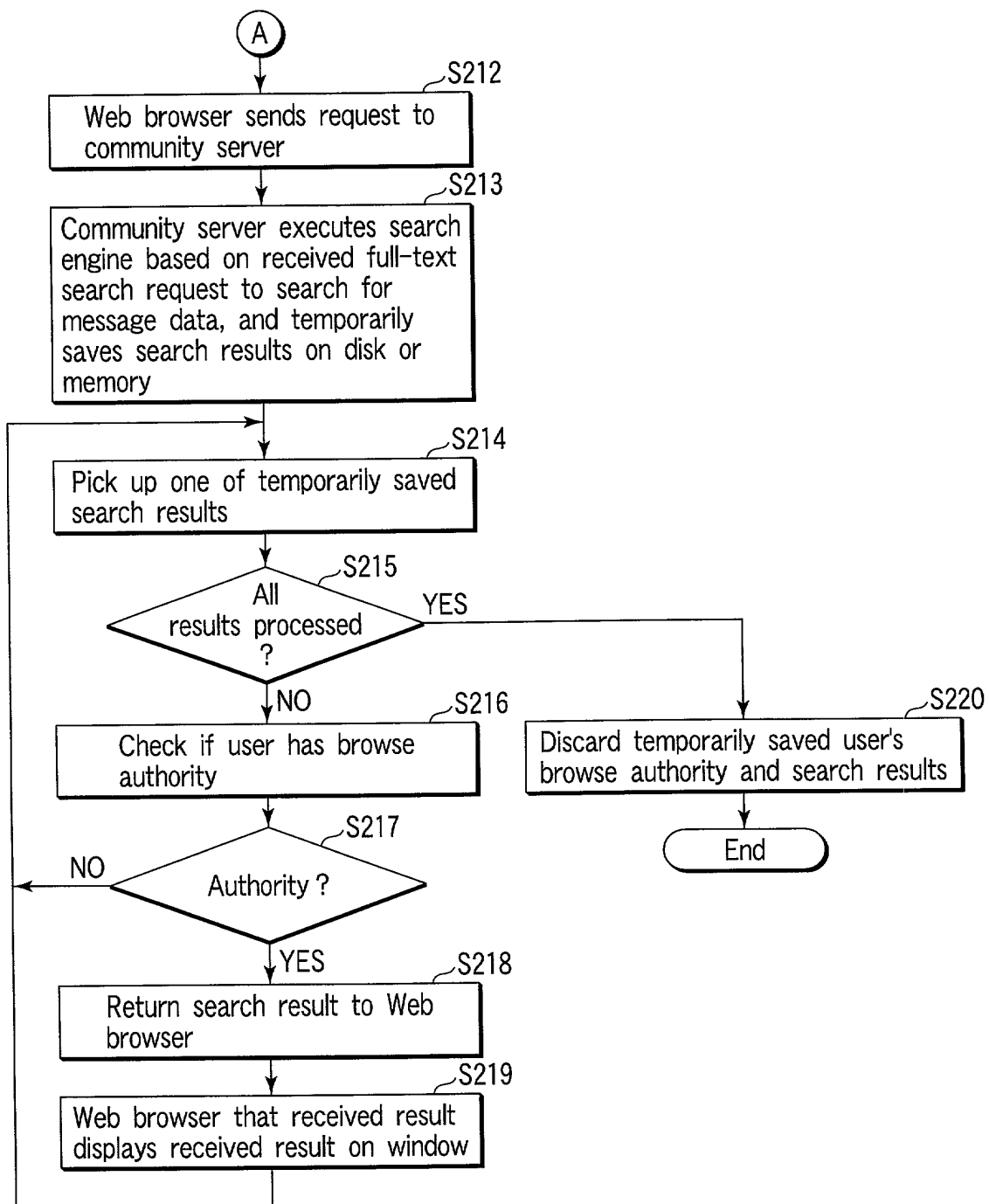


FIG. 21